

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US01/40509

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : C10L 1/18, 1/22 US CL : 44/307,323 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 44/307,323 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WEST(beta aj carotene, diesel adj fuel, inert adj atomsphere, nitrate, ethylhexyl adj nitrate, carotene adj toluene)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,274,835 A (JORDAN) 23 June 1981, abstract col. 1, line 53 to col. 2, lines 1-6 and 12 to col. 3, lines 1-25 and claims 3 and 5.	1-11
Y	US 2,582,192 A (DENISON, JR.) 08 January 1952, col. 1, 27-37.	2-6 and 8-10
Y	US 4,208,190 A (MALEC) 17 June 1980, abstract, col. 2, lines 26-36 and 53.	2-6 and 8-10
Y	US 5,826,369 A (JORDAN) 27 October 1998, abstract, col. 2, line 61 to col. 3, lines 13 and claims 1-17.	1-11
Y,P	US 6,193,766 B1 (JORDAN) 27 February 2001, abstract, col. 3, lines 15-40 and claims 1-11.	2-6 and 8-10
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 26 JUNE 2001		Date of mailing of the international search report 26 JUL 2001
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230		Authorized officer MARGARET B. MEDLEY DEBORAH THOMAS PARALEGAL SPECIALIST Telephone No. (703) 308-2518

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0,457,589 A1 (CUNNINGHAM et al) 21 November 1991, abstract, page 4, lines 5-55 and 35, and claims 1-10.	2-6 and 8-10